

AMENDMENTS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of claims:

claims 1-57 (Canceled)

claim 58 (Currently amended): An isolated polynucleotide selected from the group consisting of:

(a) a polynucleotide comprising the sequence as shown in Table 1 (SEQ ID NO: 2), ~~wherein T can also be U~~ or a polynucleotide comprising the sequence as shown in Table 1 (SEQ ID NO: 2) wherein every T is replaced by U;

(b) a polynucleotide comprising the sequence as shown in Table 1 (SEQ ID NO: 2), from nucleotide residue number 3 through nucleotide residue number 776, ~~wherein T can also be U~~ or a polynucleotide comprising the sequence as shown in Table 1 (SEQ ID NO: 2) from nucleotide residue number 3 through nucleotide residue number 776 wherein every T is replaced by U; and,

(c) a polynucleotide encoding a SGP28 protein consisting essentially of the amino acid sequence shown in (SEQ ID NO: 3) from amino acid 33 to 258.

claim 59 (Previously presented): An isolated polynucleotide wherein the polynucleotide is fully complementary to a polynucleotide of claim 58.

claim 60 (Currently amended): An isolated polynucleotide fragment of the sequence as shown in Table 1 (SEQ ID NO: 2) ~~or the full complement thereof, wherein T can also be U~~ or an isolated polynucleotide fragment of the sequence as shown in Table 1 (SEQ ID NO: 2) or the full complement thereof wherein every T is replaced by U, which fragment encodes a polypeptide ~~peptide~~ of nine or ten amino acids ~~in length~~ wherein said peptide is a fragment of SEQ ID NO: 3, ~~whereby~~ wherein said polypeptide ~~peptide~~ binds to an HLA class I molecule and wherein ~~said peptide is capable of eliciting the production of an antibody that binds specifically to the~~

polypeptide of SEQ ID NO: 3 or wherein said polynucleotide fragment is capable of specifically hybridizing to the nucleic acid molecule of SEQ ID NO: 2 or its full complement.

claim 61 (Currently amended): An isolated polynucleotide fragment of the sequence as shown in Table 1 (SEQ ID NO: 2) from nucleotide residue number 3 through nucleotide residue number 776 or the full complement thereof, or an isolated polynucleotide fragment of the sequence as shown in Table 1 (SEQ ID NO: 2) from nucleotide residue number 3 through nucleotide residue number 776 or the full complement thereof wherein every T is replaced by U wherein T can also be U, which fragment encodes a polypeptide peptide of nine or ten amino acids in length wherein said peptide is a fragment of SEQ ID NO: 3.

whereby wherein said polypeptide binds to an HLA class I molecule and wherein said peptide is capable of eliciting the production of an antibody that binds specifically to the polypeptide of SEQ ID NO: 3 or wherein said polynucleotide fragment is capable of specifically hybridizing to the nucleic acid molecule of SEQ ID NO: 2 or its full complement.

claim 62 (Previously presented): An isolated polynucleotide selected from the group consisting of:

- a polynucleotide encoding an amino acid sequence consisting of SEQ ID NO: 17;
- a polynucleotide encoding an amino acid sequence consisting of SEQ ID NO: 18;
- a polynucleotide encoding an amino acid sequence consisting of SEQ ID NO: 19;
- a polynucleotide encoding an amino acid sequence consisting of SEQ ID NO: 20;
- a polynucleotide encoding an amino acid sequence consisting of SEQ ID NO: 21;
- a polynucleotide encoding an amino acid sequence consisting of SEQ ID NO: 22;
- a polynucleotide encoding an amino acid sequence consisting of SEQ ID NO: 23;
- a polynucleotide encoding an amino acid sequence consisting of SEQ ID NO: 24;
- a polynucleotide encoding an amino acid sequence consisting of SEQ ID NO: 25;
- a polynucleotide encoding an amino acid sequence consisting of SEQ ID NO: 26; and,
- a polynucleotide encoding an amino acid sequence consisting of SEQ ID NO: 27.

claim 63 (Previously presented): An isolated polynucleotide wherein the polynucleotide is fully complementary to a polynucleotide of claim 62.